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## **Perface**

Thanks for your purchasing high definition digital camcorder. This product is mini with elegant impression. The unique swing type lens unitized design coordinates the multi-purpose uses, realizing the wide angle photography.

This user manual provides full instructions for the usage of the products. At the same time, gives you the details of the products, such as operation, warning installation, and product specification. Please read this manual carefully and fully understanding before using the product, keep this manual in the safe place. We hope our product could meet your needs, and wish to serve you for long-term.

## **Summary**

This high-tech mini HD digital camcorder is designed for market demand and also is a high pixel Car DVR, DC、DV and PC CAM. For PC CAM, Firstly, to press the “Memu” button to choose the “USB” Secondly, to press the “OK” button to select the “PC Cam”, Thirdly, to press “OK” button to confirm, Last, USB cable connecting with the computer can be achieved PC CAM (Notice: If you are the first time to use the PC CAM, please install the relevant driver). This product has the most leading functions for the industry such as HD digital video, digital photo, USB data transfer, USB charger. It has many inventions and the inventions and the technical monopoly.

Wide range of the application, memorize every wonderful moment....



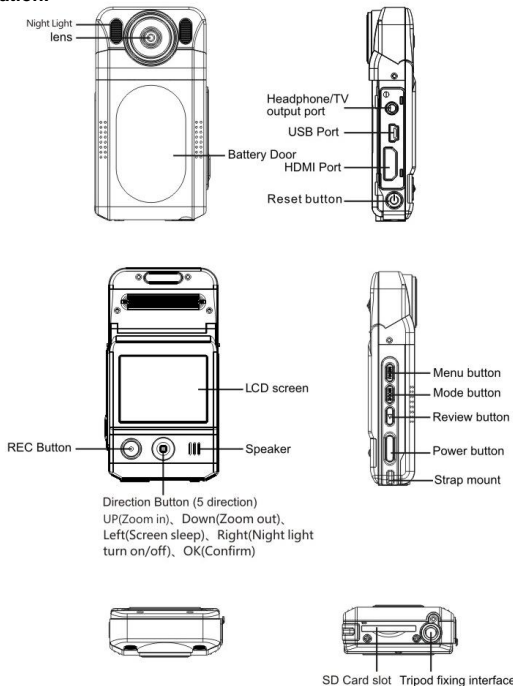
## Features

Mini size mobile lens with combination design cooperates with multi-function to use , helping you screen HD videos or photo easily in every situations . Catch the high definition pictures at will, and show vivid again.

- 2.0 inch LTPS TFT LCD
- 1/2 inch high definition with photosensitive original part .
- 4 pieces fix focus lens: focus range: 10cm-infinity

- 8 X Digital zoom
- 120 DEGREE View-Angle
- Night-Vision
- Video format: AVI
- Built-in Mic and speaker
- High capacity lithium-ion rechargeable battery
- Support SD (SDHC) card
- HDMI port: TV/HDMI,suitable for high definition TV
- Loop video recording functions.
- Set video recording time.
- Set 180-degree reverse shot
- charging while video recording
- Can be sent to automatically recording when the car engine starts
- Screen sleeping mode

## Configuration:



## **Instruction**

### **Inserting and Taking out Battery**

- 1.Open battery cover by pushing it down.
- 2.Insert battery according to the “+”“-” marks to the right positions.
- 3.Please refer to the following diagram for battery status.



Full percentage



low percentage



critical percentage

- 4.Battery cover must be open before take out the battery.。

### **Charging battery**

Using the charger:One end of cable connectsthe charger and the other links the USB port of the camcorder,It will take about 4 hours under the camcorder is on.

### **Inserting &Taking out Memory Card(SDHC card)**

- 1.Carefully insert the memory card into card slot until the card is tightly fixed.

2.To remove the card,memory the card softly,and then it will bounce out.

**Note:**

- 1.Before using SD card,please check if it is locked.
- 2.Please make sure SD card is insert to the right direction.Insert to direction it might cause damage to camcorder and SD cards.
- 3.After SD card has been into the card slot,the camcorder will automatically take SD card as default storage card,therefore all data stored before insert cannot be read until it has taken out.
- 4.If the memory card is not compatible with Camcorder,The card might be not be read.In this case,take out the card and insert it again or just change to another SD card.

## **Installing the Hanging Strap**

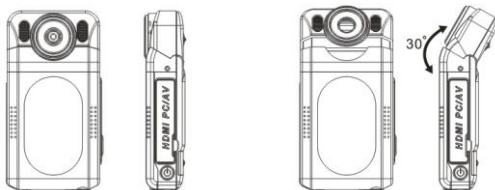
The ring in the camcorder is designed for hanging strap or buckle.Available for fashion style and convenience to use.

## **Operation Instructions**

### **Turn on/off camcorder and Automatic shut-off setting**

- 1.Press power button for 1 second to turn on/off.

2. Rotate lens as below:



3. In order to save the power of the battery, date on can be set in the "setting menu". If no operation is conducted during the set time period, the camcorder will turn off automatically.

### Setting Date and Time

Turn on the power, Under any mode, press "MEMU" to setting mode. Press direction button downwards to select the "Date /time". and then Press "OK" to setting the date and time, later press "OK" button again in order to finish the setting.

Set


YYYY/MM/DD

2007/01/01

00:00:20



## Camcorder mode

1.Camcorder automatically goes to video mode after it is turn on.At this time “”will appears upper right corner of the screen.

2.Press “REC”button to start recording,in order to stop recording,press record button again.

3.Press“MENU” button to enter menu,under menu mode can revise:

**Resolution:**set resolution of shoot


**Video Time:**This camcorder have automatic cover and loop recording function wich divide d into two models,one is 1 minutes,the other is 5 minutes.

4.You connect the camera to car charger, then the camera starts up automatically and records a vedio

***Please do not move lens fastly when shooting,avoid scene switch quickly,only in this way you can shoot high quality video.***

***Night lights turned on,when lens focus on an object with a reflective surface,there can be a reflective film, exposure. Using it with cautions!***

## Camera mode

1.Press power key to turn on camcorder AND It will go to video mode automatically,press”mode”switch to the photograph mode,the upper left corner of the screen will show “” and the buttonof the screen will display the maximum photo capacity.

2.Alignment by camcorder to the subject which to be taken,using direction key upwards and downwards in order to adjust focus.

Press “REC”button to take photos.

***Please grasp camcorder to reduce vibrate when take photos.***

### **Playback Mode**

1.Turn on camcorder to video mode,press review key to enter into single-picture review mode,press directionkey leftwards and rightwards to review picutres or videos.

2.Delete

while reviewing (Reviewing pictures/video),press “Menu”,then delete key will appear on the screen,press “ok” to delet display,and press the direction key right to choose deleting file,then press “ok”to confirm.

### **Setting Mode**

1.Regarding to video/camera/review mode,press”Menu” button could enter into any corresponding setting menu.

2.At any menu mode,press “OK”button will enable user for menu setting options to choose preferred setting,then press “ok”confirm.

## **Screen sleep mode**

In the photography or camera video capture mode,press left key,you can enter into the screen sleep mode,press left key once again reverted to the original mode.

## **File backup**

### **USB back up mode**

Firstly,to press the "Memu"button to select the "USB",Secondly,to press "OK"button to select the "Disk Drive,Thirdly,to press "OK"button to confirm.With USB cable connected to the machine and computer.

## **Connecting camcorder to TV**

- 1.Connecting camcorder to HDTV with an HDMI cable to review pictures and videos.
- 2.Connecting camcorder to television with TV cable to review pictures and video.

## **Function Keys**

### **Video/camera mode**

Power button                      Turn on or off camcorder

Shutter Button                      video recording /Stop

Direction Button(UP)              1/2/3/4/8 Digital zoom

Direction Button(Down )        1/2/3/4/8 Digital zoom

Direction Button(Left)           Fast switch to browse picture video informations

Direction Button(Right)        Night Light: On/Off

Menu Button                        Menu option

Mode Button                        Mode option

Playback Button                   Pictures and video review

## **Review Mode**

### **Preview Mode(single-picture)**

Power button                        Turn off camcorder

Direction button(Down)           Index graphical representation

Direction button(Left)            Last page

Direction button(Right)          Next page



## Specifications

Sensor	5.0Mge pixel CMOS
Still mage	4032X3024(12M);3264X2448(8M);2560X1920(5M);2048X1536(3M); 1280X960(1.3M).
Recording resolution	1280X720,640X480,320X240
Display	2.0" TFT LCD
Extral	SD Card ( Up to 32GB )
Zoom	8 x Digital zoom
EV	EV-2---EV+2
White Balance	Auto/Sunny/Cloudy/Tungsten/Fluorescent
ISO	Auto/100/200/400
Format	JPEG /AVI
Port	USB2.0/HDMI/TV (PAL/NTSC)
Sys. request	Windows 2000/XP/VISTA/7
Power	Rechargeable li-ion battery
Wrok Temp	0-40 ℃
Size (mm)	98.2(L) X 53(W) X 22.5 (H) MM/ Weight: 88 g

## **Troubleshooting**

### **Cannot take pictures,videos?**

Change resolution,image quality,frame frequency;change for a memory card with enough space;check whether if the memory card is locked or not;delete part of files stored in the card.

### **Images cannot be transferred to HDIV screen?**

Please make sure that the HDMI cable is completely plugged into TV'S HDMI port.Please use the HDMI cable comes along with the camcorder..

### **Pictures and videos taken are not clear?**

Please check if lens is covered with any dirty.If so,clean the lens before using it.Or check the focus zone if is correct.

Tips for operating camcorder video camera is similar to computer.If camcorder video camera is not working,please operate as follow:

- 1.Take out battery,re-insert the battery,please operate as follow:
- 2.Press the reset button when camcorder is unusual.
- 3.Please do not press the reset button while camcorder is in the normal condition,data might get lost.